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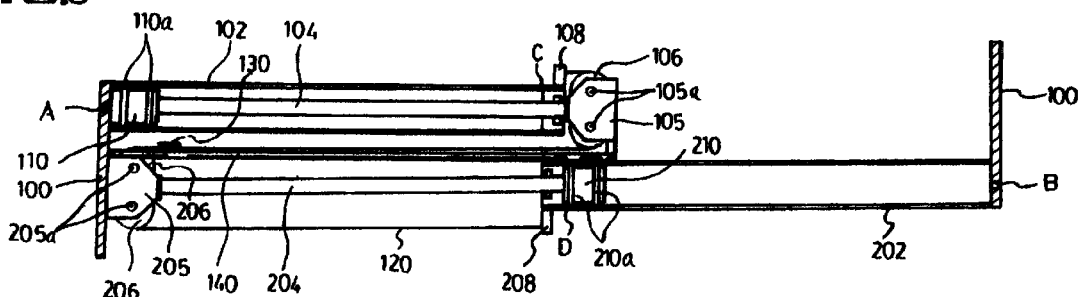
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(54) **Piston cylinder actuator for a slide table**

(57) An actuator for moving a slide table in machine tools is disclosed. In the actuator, two pneumatic or hydraulic cylinders (102,202) are parallelly arranged to be directed in opposite directions. At least one pulley (106) is rotatably mounted to the outside end of the piston rod (104,204) of each cylinder using a bracket (105,205). A wire (120) is fixed to the cover of a cylinder housing at both ends thereof and passes over the pulleys of the two piston rods. The slide table (130) is

mounted to the middle portion of the wire, thus being linearly and longitudinally reciprocable on the top surface of the cylinder housing in accordance with a movement of the piston rods relative to the two cylinders. A connection rod (140) extends between the brackets of the two piston rods, thus maintaining a desired interval between the two brackets.

FIG.8



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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 17 July 2000	Examiner Thomas, C
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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